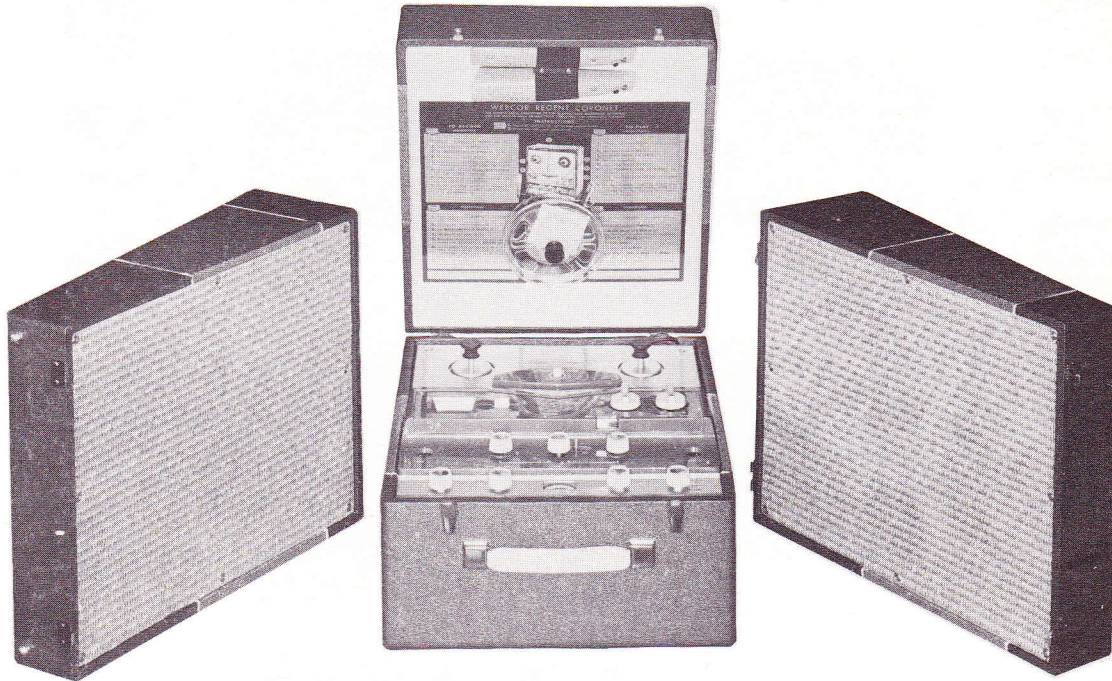


PHOTOFACT® Folder

with CIRCUITRACE®
TRADE MARKWEBCOR MODELS
EP-2007-1, EP-4007-1WEBCOR MODELS
EP-2007-1, EP-4007-1WEBCOR MODELS
EP-2007-1, EP-4007-1

TRADE NAME	Webcor Models EP-2007-1 (14X335 Preamp. Chassis, 14X330-1 Amp. Chassis), EP-4007-1 Speaker System		
MANUFACTURER	Webcor, Inc., 5610 W. Bloomingdale Ave., Chicago 39, Illinois		
TYPE SET	AC Operated 7 Tube Stereo Tape Recorder		
POWER SUPPLY	110 - 120 Volts AC, 60 Cycles	RATING	80 Watts, .78 Amp. @ 117 Volts AC (Less Tape Deck)

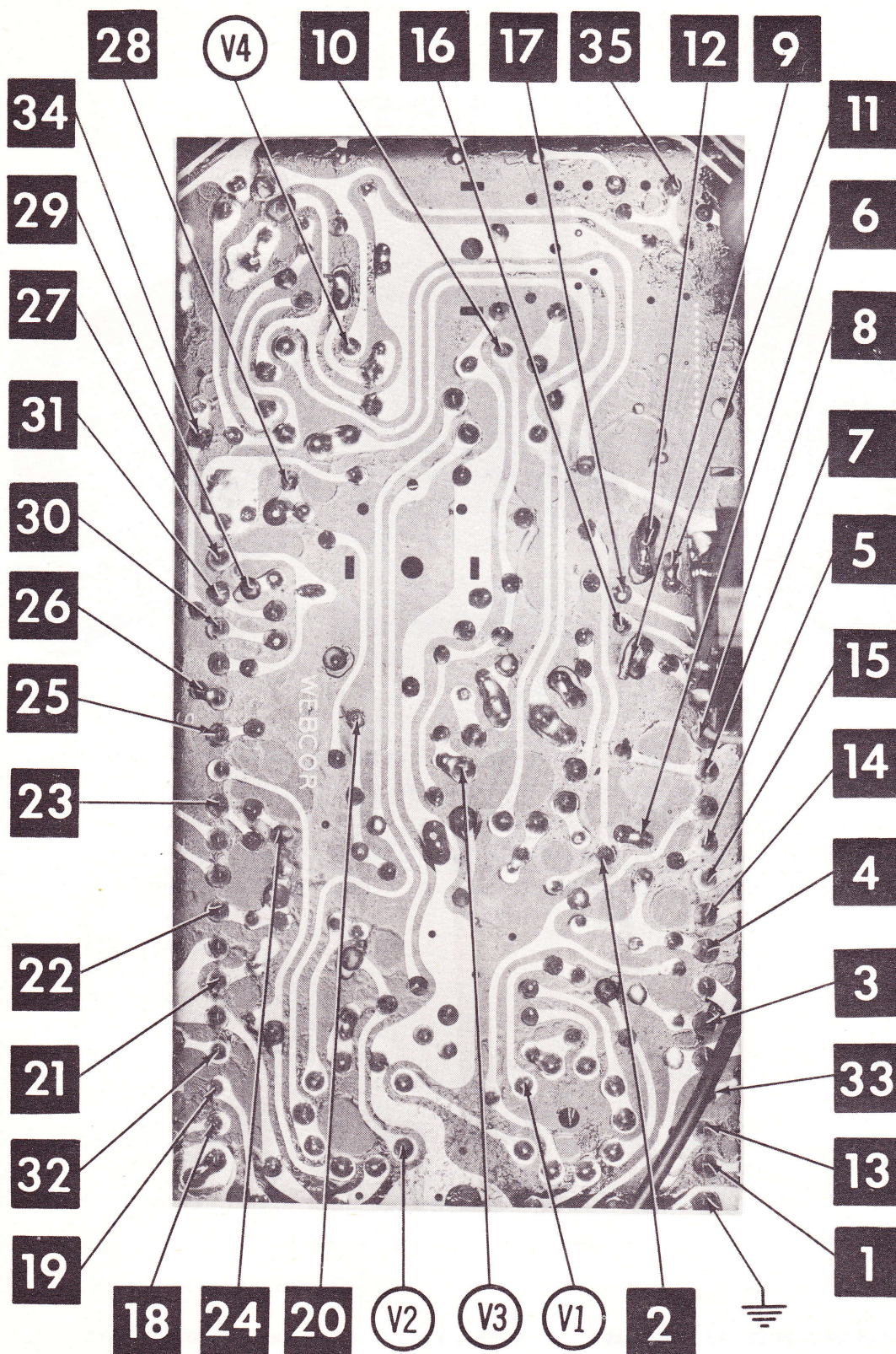
FOR SERVICE INFORMATION ON TAPE TRANSPORT MECHANISM — SEE SIMILAR WEBCOR 2810 — PHOTOFACT SET 458
FOLDER 17

HOWARD W. SAMS & CO., INC. Indianapolis 6, Indiana

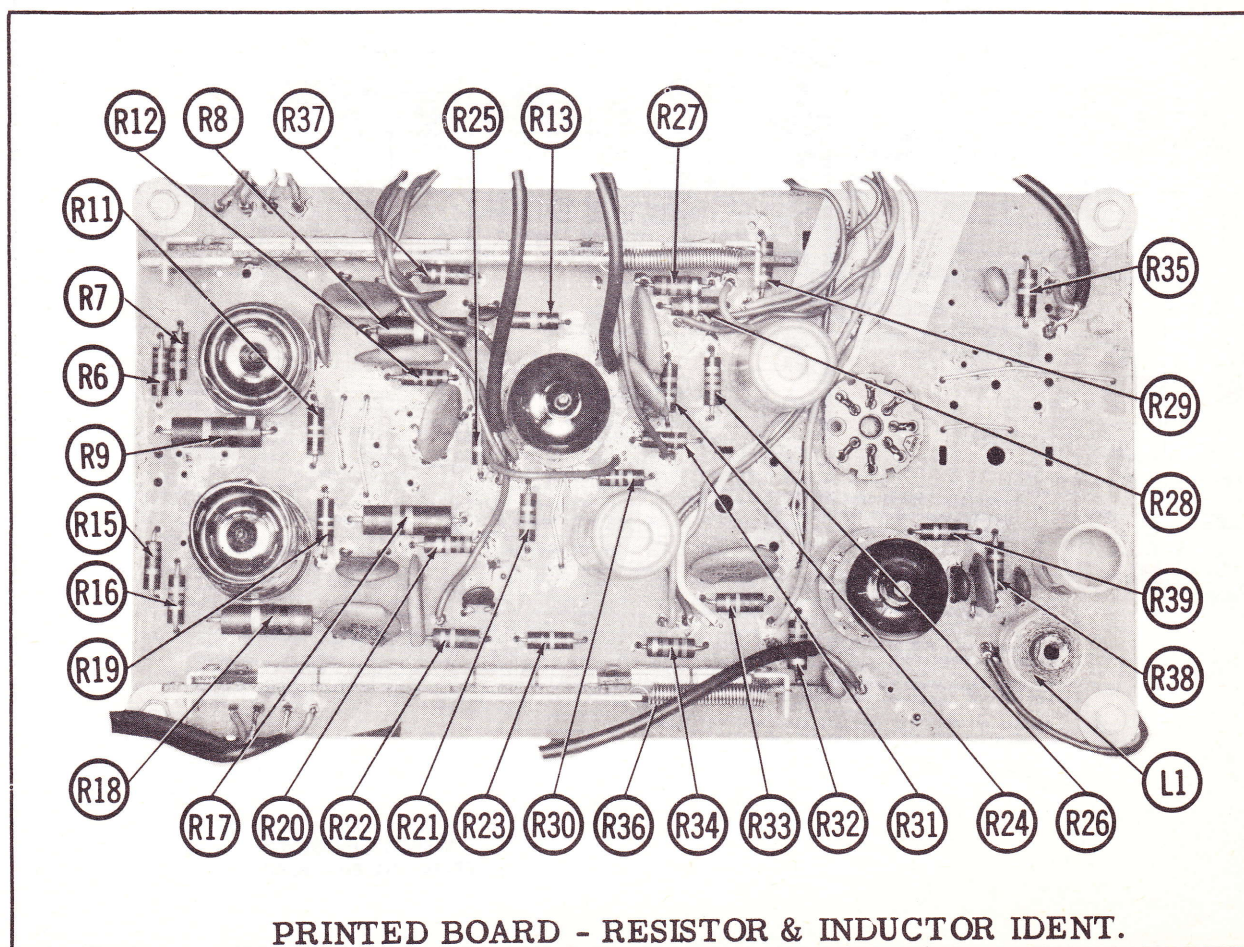
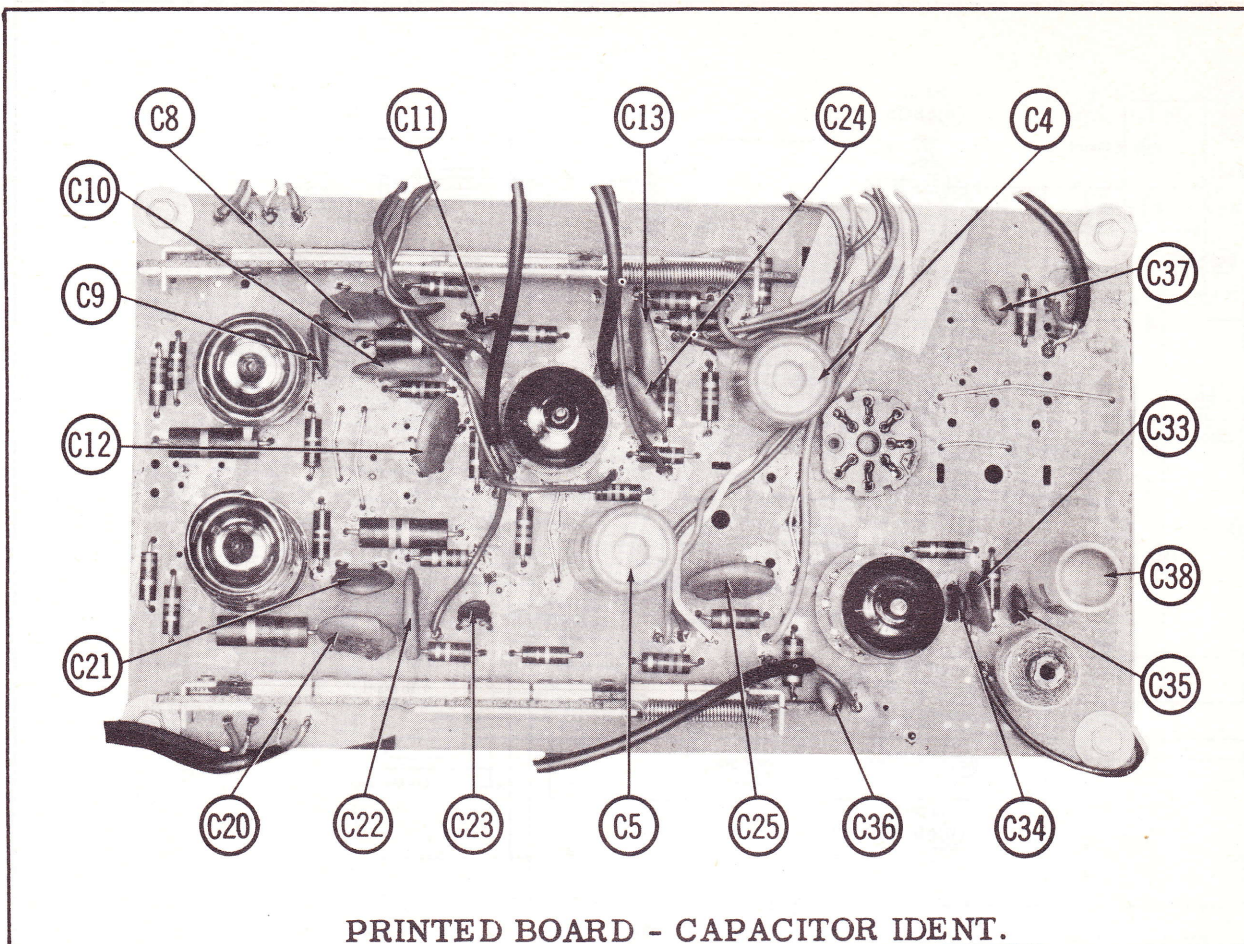
The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of KQ084

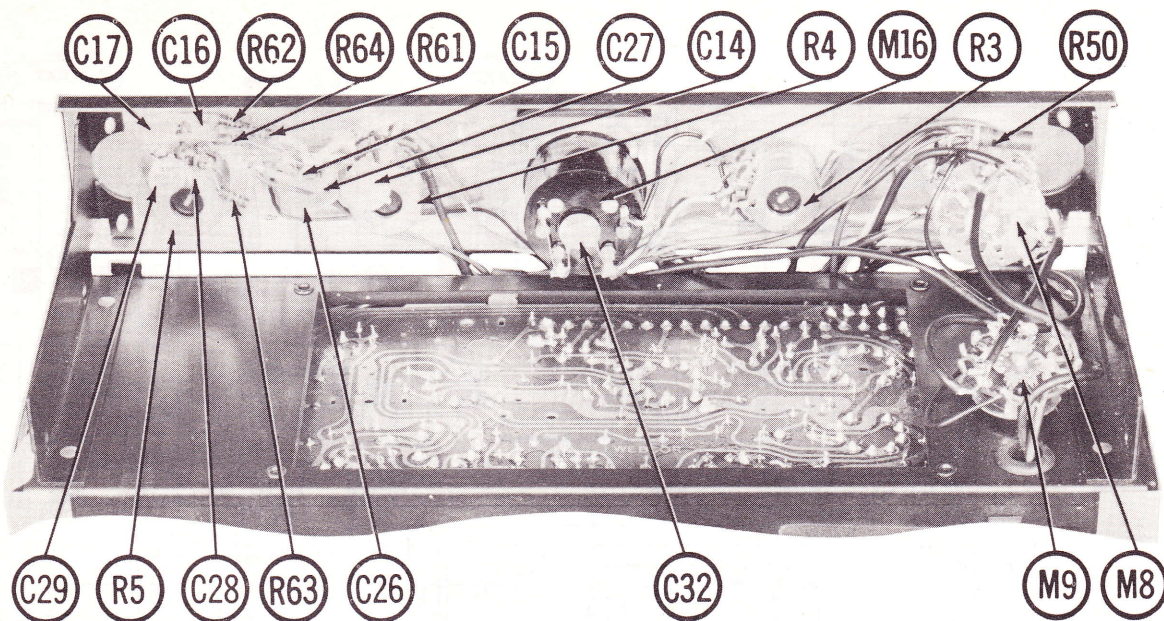
the particular type of replacement part listed. Reproduction or use, without express permission, of editorial or pictorial content, in any manner, is prohibited. No patent liability is assumed with respect to the use of the information contained herein. © 1961 Howard W. Sams & Co., Inc., Indianapolis 6, Indiana. Printed in U.S. of America



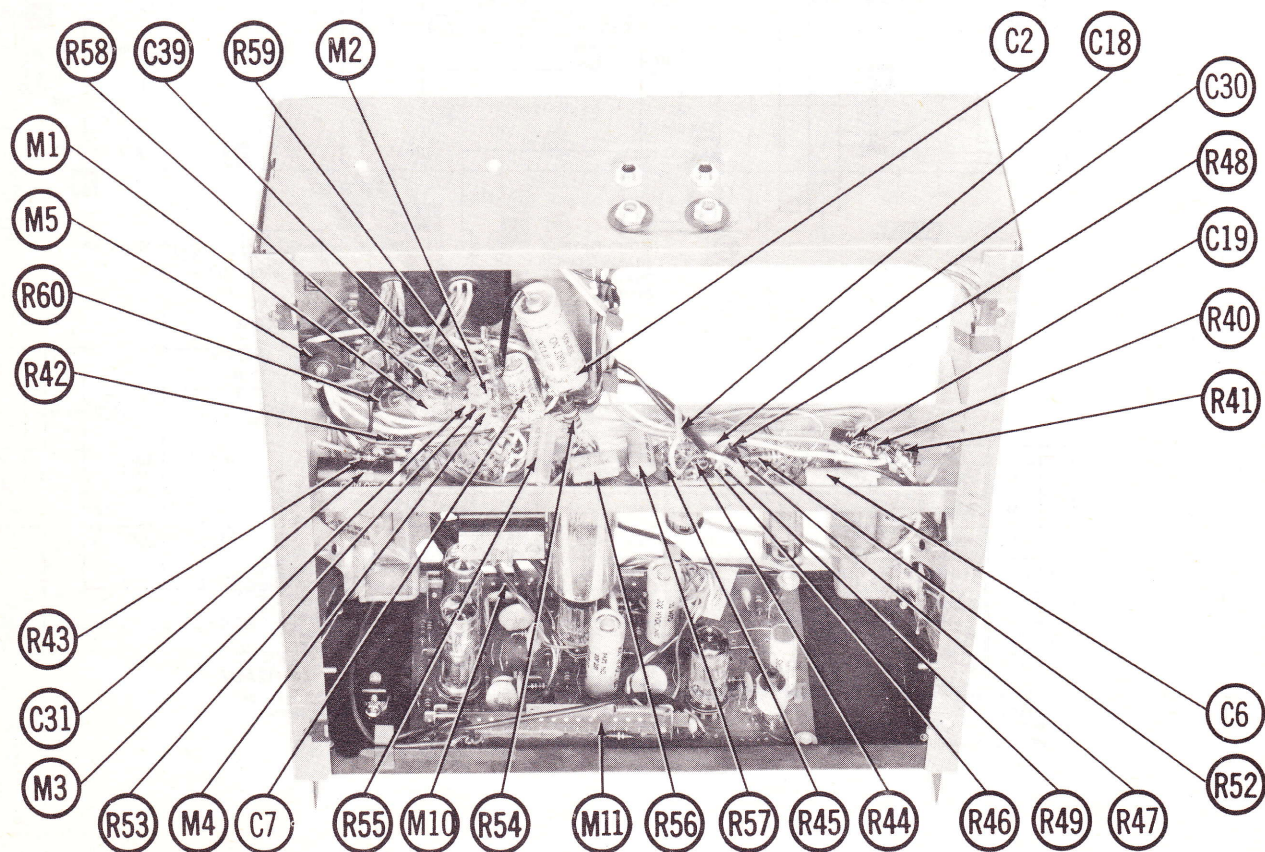








CONTROL PANEL- REAR VIEW



CHASSIS -BOTTOM VIEW

PARTS LIST AND DESCRIPTIONS

TUBES

• GENERAL ELECTRIC •			• RAYTHEON •			• SYLVANIA •		
ITEM No.	USE	TYPE	ITEM No.	USE	TYPE	ITEM No.	USE	TYPE
V1	Channel 1 Preamp.	12AX7 (7025) *	V4	Bias Oscillator	12AU7			
V2	Channel 2 Preamp.	12AX7 (7025) *	V5	VU Meter Cathode Follower	12AU7			
V3	Channel 1 AF Amp. -	12AX7 (7025) *	V6	Channel 1 Output	6BQ5			
	Channel 2 AF Amp.		V7	Channel 2 Output	6BQ5			

* Alternate.

ELECTROLYTIC CAPACITORS

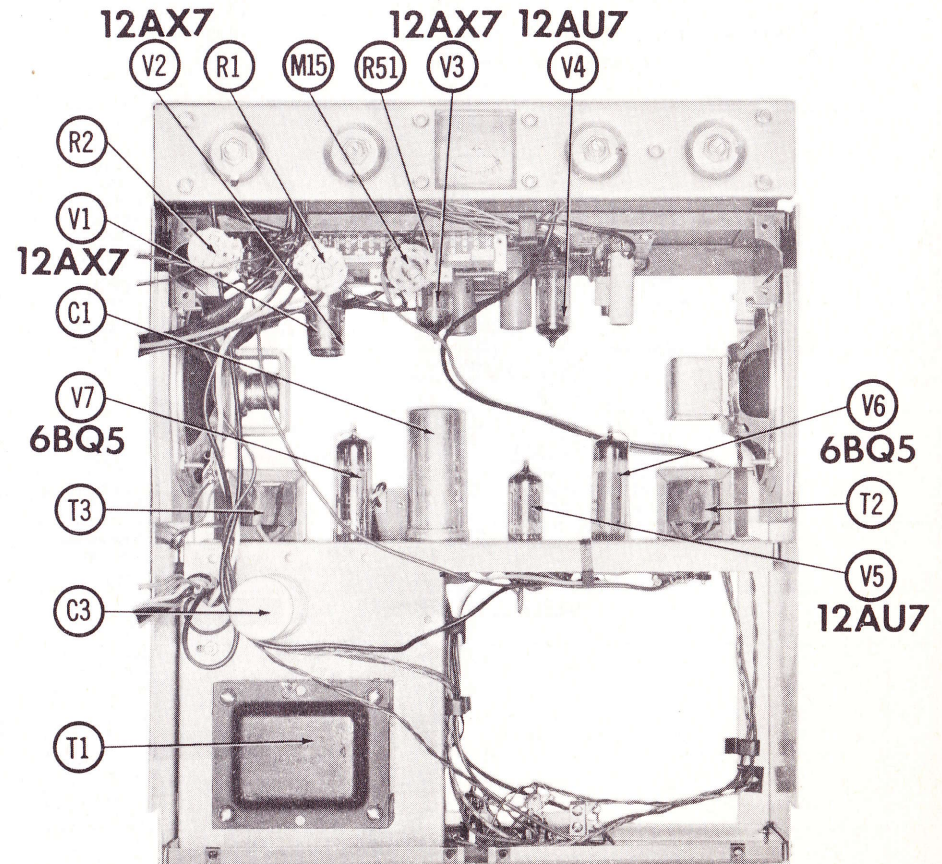
ITEM No.	RATING		REPLACEMENT DATA						
	CAP.	VOLT.	WEBCOR PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	PYRAMID PART No.	SPRAGUE PART No.	NOTES
C1A	▲40	450	30P396	AFH4-18-40	D0176	FP447.5	TMQ-4652	TVL-4774	
B	■40	450							
C	▲30	450							
D	30	450							
C2	30	450	30P403	PRS1740	BR3045	TC77	TD-30-450	TVA-1711	
C3A	500	20	30P356						
B	500	20							
C4	15	300	30P281	PRS1640	BR1635	TC64	TD-16-350	TVA-1607	
C5	15	300	30P281	PRS1640	BR1635	TC64	TD-16-350	TVA-1607	
C6	100	15	30P384	PRS1200	BBR100-15	TC2501	TD-100-15	TVA-1160	
C7	100	15	30P384	PRS1200	BBR100-15	TC2501	TD-100-15	TVA-1160	

FIXED CAPACITORS

Capacity values given in the rating column are in mfd. for Paper Capacitors, and in mmfd. for Mica and Ceramic Capacitors.

ITEM No.	RATING	REMARKS	REPLACEMENT DATA						
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENDO PART No.	MALLORY PART No.	SPRAGUE PART No.	
C8	50000		BPD-05	DD-503	H-05S5	IDP-2-503	GP150	5HK-S50	
C9	5000		BPD-005	DD-502	BYA10D5	CCD-502	B-250	5HK-D50	
C10	50000		BPD-05	DD-503	H-05S5	4DP-3-503	GP150	5HK-S50	
C11	470		BPD-00047	DD-471	BYA10T47	CCD-471	B-347	10TS-T47	
C12	50000		BPD-05	DD-503	H-05S5	IDP-2-503	GP150	5HK-S50	
C13	50000		BPD-05	DD-503	CUB4S5	4DP-3-503	GP150	5HK-S50	
C14	200 N750 10%		N750-DI 200	DTN-200	C10T2U	CCTN-201	CN7-320	10TCU-T20	
C15	680 10%		DI-680	DD-681	5R5T68	CCD-681	GP368	10TS-T68	
C16	470		BPD-00047	DD-471	BYA10T47	CCD-471	B-347	10TS-T47	
C17	1500		BPD-0015	DD-152	BYA10D15	CCD-152	B-215	5HK-D15	
C18	10000		BPD-01	DD-103	BYA10S1	CCD-103	B-110	5HK-S10	
C19	2mfd 200V		P282Z-2.0		MP2W2				
C20	50000		BPD-05	DD-503	H-05S5	IDP-2-503	GP150	5HK-S50	
C21	5000		BPD-005	DD-502	BYA10D5	CCD-502	B-250	5HK-D50	
C22	50000		BPD-05	DD-503	CUB4S5	4DP-3-503	GP150	5HK-S50	
C23	470		BPD-00047	DD-471	BYA10T47	CCD-471	B-347	10TS-T47	
C24	50000		BPD-05	DD-503	H-05S5	IDP-2-503	GP150	5HK-S50	
C25	50000		BPD-05	DD-503	H-05S5	4DP-3-503	GP150	5HK-S50	
C26	200 N750 10%		N750-DI 200	DTN-200	C10T2U	CCTN-201	CN7-320	10TCU-T20	
C27	680 10%		DI-680	DD-681	5R5T68	CCD-681	GP368	10TS-T68	
C28	470		BPD-00047	DD-471	BYA10T47	CCD-471	B-347	10TS-T47	
C29	1500		BPD-0015	DD-152	BYA10D15	CCD-152	B-215	5HK-D15	
C30	10000		BPD-01	DD-103	BYA10S1	CCD-103	B-110	5HK-S10	
C31	2mfd 200V		P282Z-2.0		MP2W2				
C32	5000		BPD-005	DD-502	BYA10D5	CCD-502	B-250	5HK-D50	
C33	2000 10%		DI-2000		5R5D2	CCD-202	GP220	10TS-D20	
C34	330 10%		DI-330	DD-331	L10T33	CCD-331	GP333	10TS-T33	
C35	330 10%		DI-330	DD-331	L10T33	CCD-331	GP333	10TS-T33	
C36	200 10%		DI-200	DD-201	L10T2	CCD-201	GP320	10TS-T20	
C37	200 10%		DI-200	DD-201	L10T2	CCD-201	GP320	10TS-T20	
C38	.1 400V		P415N-1	DF-104	BC6P1J	4DP-3-104	ACE-401	4SE-P10	
C39	10000 1400V		DAC-27	DD16-103	HVE16S1	16DP-3-103	UAC-110	BL-S10	

CHASSIS—TOP VIEW



PARTS LIST AND DESCRIPTIONS (Continued)

CONTROLS

ITEM No.	RATING		REPLACEMENT DATA					INSTALLATION NOTES
	RESIST-ANCE	WATTS	WEBCOR PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.	
R1A	250K	1/2	31P177-A	B-51	A47-250K-S	Q13-130	U44	Volume, Channel 1
B	Shaft			Not Req.	FS-3	Not Req.	Not Req.	
C	Switch			KR-1	SWE-12	76-1	US-26	Power Off-On
R2A	250K	1/2	31P175-A	B-51	A47-250K-S	Q13-130	U44	Volume, Channel 2
B	Shaft			Not Req.	FS-3	Not Req.	Not Req.	
R3A	1meg	1/2	31P178-A	B-70	AD47-1meg-Z		FA16A	Monitor Volume, Channel 1
B	1meg			SR-70	Not Req.		RU16A	Monitor Volume, Channel 2
C	Shaft			Not Req.	FS-3		CS3500	
R4A	2meg	1/2	31P179	B-76	AD47-2meg-Z		FA26A	Treble, Channel 1
B	2meg			SR-76	Not Req.		RU26A	Treble, Channel 2
C	Shaft			Not Req.	FS-3		CS3500	
R5A	2meg	1/2	31P179	B-76	AD47-2meg-Z		FA26A	Bass, Channel 1
B	2meg			SR-76	Not Req.		RU26A	Bass, Channel 2
C	Shaft			Not Req.	FS-3		CS3500	

RESISTORS (IRC or EQUIVALENT)

All wattages 1/2 watt, or less, unless otherwise listed.

ITEM No.	RATING	REMARKS	ITEM No.	RATING	REMARKS	ITEM No.	RATING	REMARKS
R6	3.3meg		R26	27K		R46	22K	
R7	27K		R27	68K		R47	1meg	
R8	220K 1W		R28	220K		R48	1000Ω	
R9	1000Ω 1W		R29	68K		R49	22K	
R10	1meg		R30	180K		R50	82Ω 1W	
R11	10meg		R31	1800Ω		R51	12K	
R12	330K		R32	68K		R52	130Ω 1W	
R13	120K		R33	220K		R53	130Ω 1W	
R14	1meg		R34	68K		R54	4700Ω 2W	
R15	3.3meg		R35	220K		R55	900Ω 7W	IRC#PW10-900Ω
R16	27K		R36	220K		R56	95Ω 5W	IRC#PW5-95Ω
R17	220K 1W		R37	220K		R57	82Ω 5W	IRC#PW5-82Ω
R18	1000Ω 1W		R38	10K		R58	33Ω	
R19	10meg		R39	10K		R59	33Ω	
R20	330K		R40	100K		R60	10Ω 2W	
R21	27K		R41	1000Ω		R61	560K	
R22	220K		R42	100K		R62	470K	
R23	120K		R43	1000Ω		R63	560K	
R24	180K		R44	1meg		R64	470K	
R25	1800Ω		R45	1000Ω				

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA				NOTES
		WEBCOR PART No.	Merit PART No.	Miller PART No.	Stancor PART No.	
L1	Bias Osc.	65P152				

TRANSFORMER (POWER)

ITEM No.	RATING			REPLACEMENT DATA					NOTES
	PRI.	SEC. 1	SEC. 2	WEBCOR PART No.	Merit PART No.	Stancor PART No.	Thordarson PART No.	Triad PART No.	
T1	117V @ .78A	520VCT @ .140A	6.3VCT @ 2.4A	68P085					
	SEC. 3	SEC. 4	SEC. 5						
	30VCT @ .300A								

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					NOTES
	PRI.	SEC.	WEBCOR PART No.	Merit PART No.	Stancor PART No.	Thordarson PART No.	Triad PART No.	
T2	3800Ω	6-8Ω	67P086-B	A-2902	A-3849	24S64		
T3	3800Ω	6-8Ω	67P086-B	A-2902	A-3849	24S64		

SPEAKER

ITEM No.	TYPE			REPLACEMENT DATA		NOTES
	SIZE	FIELD	V. C. IMP.	WEBCOR PART No.	QUAM PART No.	
SP1	5"	PM	6-8Ω	76P103 *	5A15Z8	* Used in Model EP-2007-1
SP2	5"	PM	6-8Ω	76P103 *	5A15Z8	♦ Used in Model EP-4007-1
SP3	6"x 9"	PM	6-8Ω	76P051 ♦	69A3Z7	
SP4	3½"	PM	6-8Ω	76P081-1 ♦	3A15T	
SP5	6"x 9"	PM	6-8Ω	76P051 ♦	69A3Z7	
SP6	3½"	PM	6-8Ω	76P081-1 ♦	3A15T	

POWER RECTIFIERS

ITEM No.	RATING	REPLACEMENT DATA				NOTES
	CURRENT (Measured)	WEBCOR PART No.	RCA PART No.	SARKES TARZIAN PART No.	SYLVANIA PART No.	
M1	.140A	65P155 *	IN1763	F-4	SR500	* Silicon Type
M2	.140A	65P155 *	IN1763	F-4	SR500	♦ Dual Selenium
M3	.140A	65P155 *	IN1763	F-4	SR500	
M4	.140A	65P155 *	IN1763	F-4	SR500	
M5	.300A	65P153 ♦		3N33-1CNI-RV ♦		

MISCELLANEOUS

ITEM No.	PART NAME	WEBCOR PART No.	NOTES
M6	Head	65P160	1/4 Track Stereo Record-Playback
M7	Head	11X2272	1/4 Track Stereo Erase
M8	Switch	32P158	Head (Rotary Type)
M9	Switch	32P157	Record-Playback (Rotary Type)
M10	Switch	32P152	Record-Playback (Slide Type)
M11	Switch	32P152	Record-Playback (Slide Type)
M12	Switch	32P153	Equalization
M13	Switch	32P131	Muting
M14	Switch	32P156-3	Automatic Shut-Off
M15	Switch	32P159	"VU" Meter
M16	"VU" Meter	65P161	

CABINETS & CABINET PARTS

(When Ordering Cabinets & Cabinet Parts, Specify Model, Chassis & Color)

NAME	PART NO.	DESCRIPTION
Knob	11X1944-3AF	Insert And Set Screw Assembly
Knob	39P240-2	Volume, Bass, Treble, Function Selector, Meter Function
Cabinet	92X125-1	Ebony
Handle	39P252-1	Cabinet

WIRING DATA

General-use Unshielded Hook-up Wire Use BELDEN No. 8530 (Solid) Available in Ten Colors
8524 (Stranded) Available in Ten Colors

Power Cord Use BELDEN No. 1765-B (6 Ft. Length)
1725-K (7½ Ft. Length)

Low-Loss Shielded Lead (Interconnecting) Use BELDEN No. 8401

Phono Pick-up Arm Cable Use BELDEN No. 8430 (Two Conductor - Twisted)